

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

# NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

Eurotech Industries, Inc. 4201 NE 12<sup>th</sup> Terrace Ft. Lauderdale, FL 33334

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami-Dade County) and/ or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

**DESCRIPTION:** Outswing Aluminum Casement Window – L.M.I.

**APPROVAL DOCUMENT:** Drawing **No. W03-80,** titled "Aluminum Casement Window (L.M.I.)", sheets 1 through 5 of 5, dated 09/05/03, with revision G dated 12/03/15, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/ series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/ or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA No. 13-1024.06 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Manuel Perez, P.E.

MIAMI-DADE COUNTY
APPROVED

1/15/16

NOA No. 15-0707.01 Expiration Date: February 05, 2019 Approval Date: January 21, 2016 Page 1

#### Eurotech Industries, Inc.

#### NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

#### A. DRAWINGS

- 1. Manufacturer's die drawings and sections. (Submitted under NOA # 06-1019.03)
- 2. Drawing No. W03-80, titled "Aluminum Casement Window (L.M.I.)", sheets 1 through 5 of 5, dated 09/05/03, with revision G dated 12/03/15, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

#### B. TESTS

- 1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
  - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
  - 3) Water Resistance Test, per FBC, TAS 202-94
  - 4) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94

along with marked-up drawings and installation diagram of aluminum casement windows mulled side-by-side, prepared by Hurricane Engineering & Testing Inc., Test Report No. **HETI-03-1315**, dated 05/12/03, signed and sealed by Rafael E. Droz-Seda, P.E.

## (Submitted under NOA # 06-1019.03)

- 2. Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94
  - 2) Cyclic Wind Pressure Loading per FBC, TAS 203-94 along with marked-up drawings and installation diagram of an aluminum casement windows mulled side-by-side, prepared by Hurricane Engineering & Testing Inc., Test Report No. **HETI-03-1829**, dated 05/12/03, signed and sealed by Rafael E. Droz-Seda, P.E.

## (Submitted under NOA # 06-1019.03)

- 3. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
  - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
  - 3) Water Resistance Test, per FBC, TAS 202-94
  - 4) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94

along with marked-up drawings and installation diagram of a single aluminum casement window, prepared by Hurricane Engineering & Testing Inc., Test Report No. **HETI-03-1317**, dated 05/14/03, signed and sealed by Rafael E. Droz-Seda, P.E (Submitted under NOA # 06-1019.03)

- 4. Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94
  - 2) Cyclic Wind Pressure Loading per FBC, TAS 203-94 along with marked-up drawings and installation diagram of a single aluminum casement windows, prepared by Hurricane Engineering & Testing Inc., Test Report No. **HETI-03-1822**, dated 01/23/04, signed and sealed by Rafael E. Droz-Seda, P.E. (Submitted under NOA # 06-1019.03)

Manuel Perez, P.E. Product Control Examiner NOA No. 15-0707.01

Expiration Date: February 05, 2019 Approval Date: January 21, 2016

## Eurotech Industries, Inc.

#### NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

#### C. CALCULATIONS

- 1. Anchor verification calculations and structural analysis, complying with FBC 5<sup>th</sup> Edition (2014), dated 06/02/15 and 11/25/15, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
- 2. Glazing complies with ASTM E1300-09

#### D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

#### E. MATERIAL CERTIFICATIONS

- Notice of Acceptance No. 14-0916.11 issued to Kuraray America, Inc. for their "SentryGlas® (Clear and White) Glass Interlayers" dated 06/25/15, expiring on 07/04/18.
- 2. Notice of Acceptance No. 14-0423.17 issued to Eastman Chemical Company (MA) for their "Saflex Clear and Color Glass Interlayers" dated 06/19/14, expiring on 05/21/16.

#### F. STATEMENTS

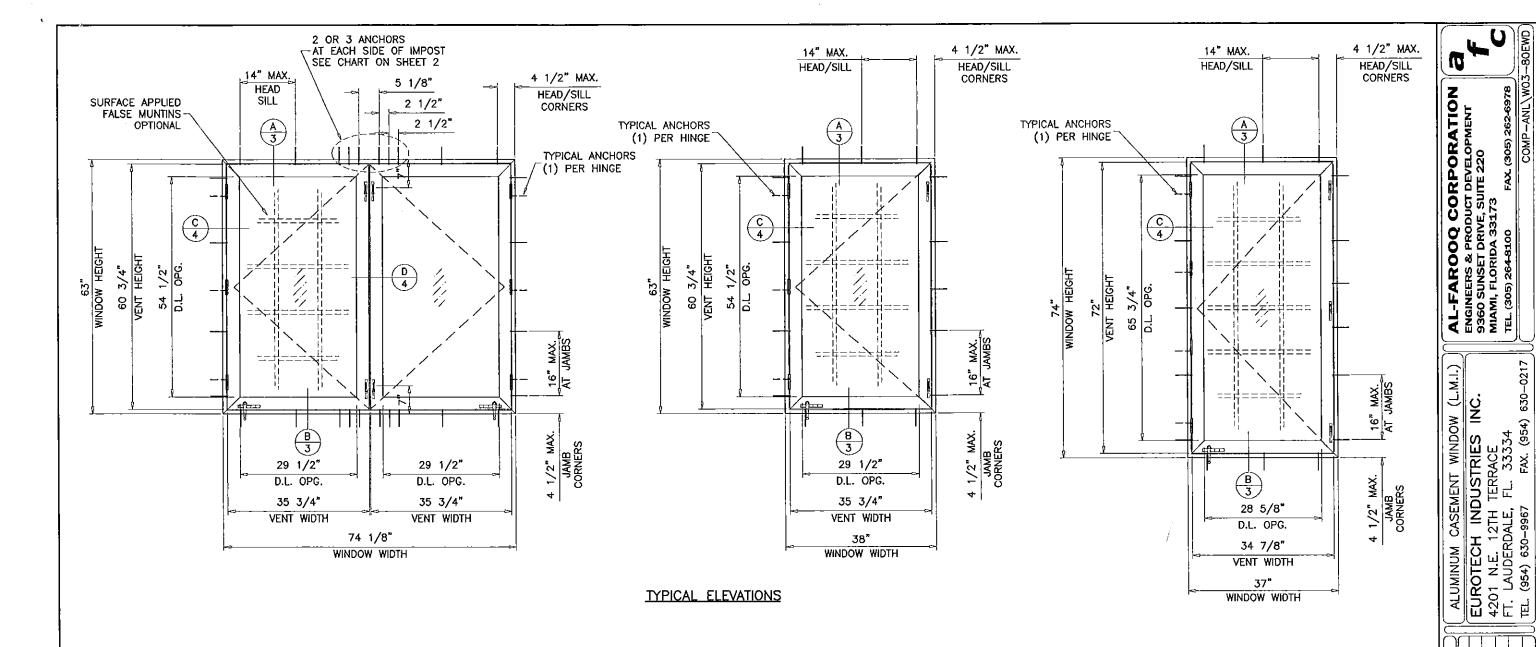
1. Statement letter of conformance, complying with **FBC** 5<sup>th</sup> **Edition** (2014), and of no financial interest, dated June 2, 2015, issued by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

## G. OTHERS

1. Notice of Acceptance No. 13-1024.06, issued to Eurotech Industries, Inc. for their Outswing Aluminum Casement Window – L.M.I., approved on 12/26/13 and expiring on 02/05/19.

Manuel Percz, P.E. Product Control Examiner NOA No. 15-0707.01

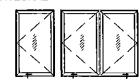
Expiration Date: February 05, 2019 Approval Date: January 21, 2016



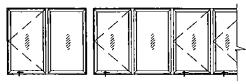
## ALUMINUM CASEMENT WINDOW (IMPACT)

DESIGN LOAD RATING FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEET 2.

APPROVAL APPLIES TO SINGLE VENT WINDOWS OR DUAL VENT WINDOWS USING INTEGRAL IMPOST.



ALSO SIDE BY SIDE COMBINATIONS OF CASEMENT/CASEMENT OF TWO OR MORE WINDOWS USING APPROVED MULLIONS.



THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2014 (5TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

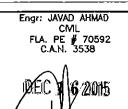
ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE.

THESE WINDOWS ARE RATED FOR LARGE & SMALL MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.



PRODUCT REVISED as complying with the Florida Building Code Acceptance No 15-0707.0 Expiration Date Feb. 5, 2019

By Walled Des Miamy Dade Product Control

scale: drawing

no. W03-80

sheet 1 of 5

DESIGN LOAD CAPACITY - PSF FOR ( X ) SIZES					
WINDOW	DIMS.	GLASS T	YPE 'A'	GLASS T	YPE 'B'
WIDTH	HEIGHT	EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)
19-1/8"		75.0	75.0	75.0	90.0
26-1/2"	26°	75.0	75.0	75.0	90.0
37"		75.0	75.0	75.0	90.0
19-1/8°		75.0	75.0	75.0	90.0
26-1/2*	38-3/8"	75.0	75.0	75.0	90.0
37"		75.0	75.0	75.0	90.0
19-1/8"		75.0	75.0	75.0	90.0
26-1/2"	50-5/8"	75.0	75.0	75.0	90.0
37"	. =	75.0	75.0	75.0	90.0
19-1/8"		75.0	75.0	75.0	90.0
26-1/2"	63"	75.0	75.0	75.0	90.0
37"		75.0	75.0	75.0	90.0
19-1/8"		75.0	75.0	75.0	90.0
26-1/2"	74"	75.0	75.0	75.0	90.0
37"		75.0	75.0	75.0	90.0
19-1/8"	78"	75.0	75.0	75.0	90.0
26-1/2"		75.0	75.0	75.0	90.0
19-1/8"	84*	75.0	75.0	75.0	90.0
26-1/2"		67.2	75.0	67.2	90.0
18"		75.0	75.0	75.0	90.0
24"		75.0	75.0	75.0	90.0
30"	24"	75.0	75.0	75.0	90.0
36"		75.0	75.0	75.0	90.0
18"		75.0	75.0	75.0	90.0
24"	703	75.0	75.0	75.0	90.0
30"	36"	75.0	75.0	75.0	90.0
36"		75.0	75.0	75.0	90.0
18"		75.0	75.0	75.0	90.0
24"	402	75.0	75.0	75.0	90.0
30"	48"	75.0	75.0	75.0	90.0
36"		75.0	75.0	75.0	90.0
18"		75.0	75.0	75.0	90.0
24"	60"	75.0	75.0	75.0	90.0
30"	00	75.0	75.0	75.0	90.0
36"		75.0	75.0	75.0	90.0
18"		75.0	75.0	75.0	90.0
24"	72*	75.0	75.0	75.0	90.0
30"		75.0	75.0	75.0	90.0
36"		75.0	75.0	75.0	90.0
18"		75.0	75.0	75.0	90.0
24"	80*	75.0	75.0	75.0	90.0
30"		69.9	75.0	69.9	90.0

.090" Interlayer Saflex Clear And Color Glass	-3/16" HEAT STREN'D GLASS .090" Interloyer - SentryGlas
By 'Eastman Chemical Co.'  3/16" HEAT STREN'D GL  SILICONE  GE SCS 2800	SILICONE  GE SCS 2800
3/4" MIN. TYP.	3/4" MIN. TYP.
GLASS TYPE 'A'	GLASS TYPE 'B'

DESIGN LOAD CAPACITY - PSF FOR ( XX ) SIZES						
		GLASS TYPE 'A' & 'B'				
WINDON	DING		2 ANCHOR AT EACH 3 ANCHORS AT EAC SIDE OF IMPOST SIDE OF IMPOST			
WIDTH	HEIGHT	EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)	
26-1/2"	псюпі	75.0	75.0	-		
37"		75.0	75.0			
53-1/8"	26"	75.0	75.0			
74"		75.0	75.0			
26-1/2"		75.0	75.0		_	
37"		75.0	75.0		_	
53-1/8"	38-3/8"	75.0	75.0	_		
74"		75.0	75.0			
26-1/2"		75.0	75.0	_		
37"		75.0	75.0	_	_	
53-1/8"	50-5/8"	75.0	75.0			
74*		75.0	75.0	_		
26-1/2"		75.0	75.0		_	
37"		75.0	75.0		_	
53-1/8"	63"	75.0	75.0			
74"		70.5	70.5	75.0	75.0	
24"		75.0	75.0	-	-	
36"		75.0	75.0		_	
48*	24"	75.0	75.0	_	<u> </u>	
60"		75.0	75.0		. –	
72"		75.0	75.0		_	
24"		75.0	75.0	_	_	
36"		75.0	75.0	_	_	
48"	36	75.0	75.0	_		
60"		75.0	75.0		-	
72"	1	75.0	75.0	_		
24"		75.0	75.0	_	_	
36		75.0	75.0			
48"	48"	75.0	75.0	_	-	
60"		75.0	75.0	_	_	
72"		75.0	75.0	_	_	
24*		75.0	75.0		-	
36"		75.0	75.0	_	_	
48"	60"	75.0	75.0	_	_	
60"		75.0	75.0	-	-	

75.0

75.0

Engr: JAVAD AHMAD CIML FLA. PE # 70592 C.A.N. 3538

72"

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 15-0707.01
Expiration Date Feb 5,0019
By Williami Dade Product Control

date: 09-05-03	scale: 1/2" = 1"	dr. by: HAMID	ahle han	
drawing no				
she	et 2	of	5	

revisions:
no date
c 10.06.08
D 10.19.11
E 12.16.13
F 06.03.15

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL (305) 264-8100
FAX (305) 262-6978

EUROTECH INDUSTRIES INC.
4201 N.E. 12TH TERRACE
FT. LAUDERDALE, FL. 33334
TEL. (954) 630–9967 FAX. (954) 630–0217

GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-09 (3 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DCA05-DEC-219

$\mathrm{GL}$	AZING	OPTIO.	NS

